

MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS - 1963 - A

JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR 74D

COMPUTER/MACHINE OPERATOR

REFERENCE SOLDIER'S MANUAL DATED

4 November 1977

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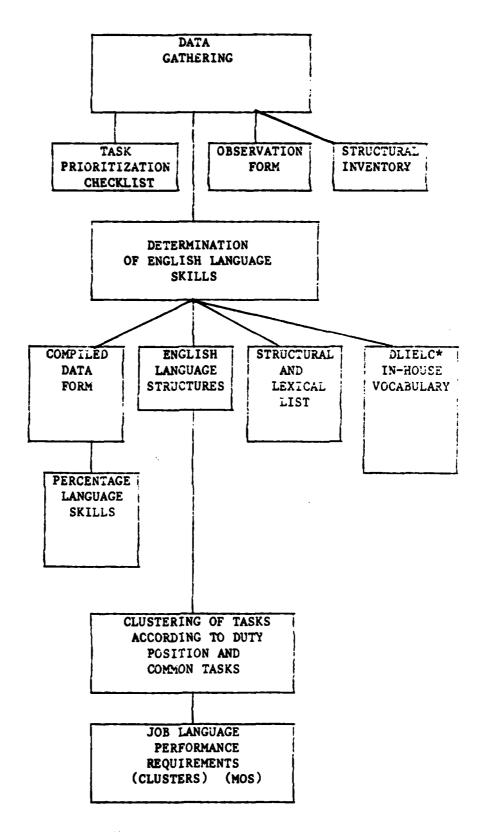


FIGURE 1

^{*}Defense Language Institute English Language Center

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PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-TV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis, and constitute the basis for developmment of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

U

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virgina.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

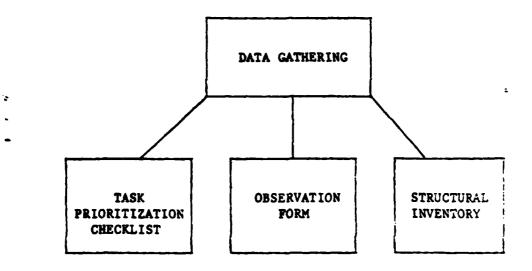


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?

40

- 2. How is the task taught?
- 3. Is the task tested?
- 4. How is the task tested?
- 5. How important are speaking, listening, reading and writing in learning and performing the task?
- 6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

- 1. The Task Prioritization Checklist (Appendix 1)
- 2. The Task Inventory Compiled Data Form (Appendix 2)
- 3. The Observation Form (Appendix 4)
- 4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

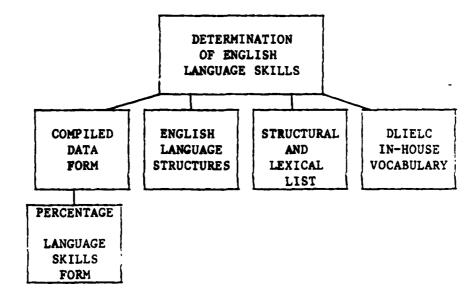


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

- 1. Methods of teaching.
- 2. Methods of testing.
- 3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

Methods of Testing performance oral written

listening speaking writing, reading

Rating of English
Language Skills
listening
speaking
reading
writing

*a response of 2 > 3 on a scale of 1 to 3 was tallied

a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*See Al

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

TR + TxVxR = % of use

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening 57% Speaking 20% Reading 28% Writing 23%

As shown by the figures, <u>listening</u> is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technial Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS. CLUSTERING OF TASKS

ACCORDING TO DUTY

POSITION AND COMMON TASKS

JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(CLUSTERS)

JOB LANGUAGE
PERFORMANCE
REQUIREMENTS
(ENTIRE MOS)

FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty positions tasks in the Soldier's Manual.

The following clusters are in this MOS:

- 1. FIRST AID
- 2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
- 3. INDIVIDUAL FITNESS
- 4. MIGAL RIFLE
- 5. .45 CALIBER PISTOL
- 6. PUNCH CARD MACHINE OPERATIONS
- 7. CARD PUNCH AND CARD DATA RECORDER OPERATIONS
- 8. DATA REPRESENTATION AND CONVERSION
- 9. BASIC COMPUTER OPERATING PROCEDURES
- 10. COMPUTER OPERATOR MAINTENANCE
- 11. MAGNETIC TAPE FUNCTIONS
- 12. INPUT/OUTPUT AND QUALITY CONTROL
- 13. FLOWCHART PROCEDURES
- 14. NUMBERING SYSTEMS
- 15. INTERMEDIATE COMPUTER OPERATING PROCEDURES
- 16. WIRING PROCEDURES

SECTION IV

JOB LANGUAGE
PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK: CONDITION: STANDARD:

A- TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldiers duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldiers job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, fields manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

OZ Listening 02 Speaking 07 Reading 02 Writing

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:

Listen to learn

CONDITIONS:

Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understanding of oral communication

TASK:

Listen to respond

CONDITIONS:

Given a medical scenario involving simple questions

about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical

items (Appendices 5 & 7)

STANDARDS:

100% understanding of oral utterances

TASK:

Produce oral utterances to explain

CONDITIONS:

Given a simple medical scenario requiring an oral

interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical

items (Appendices 5 & 7)

STANDARDS:

100% understandable oral communication

TASK:

Produce appropriate oral responses spontaneously or upon

request

CONDITIONS:

Given any verbal stimulus in the form of questions, sce-

narios or instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable oral responses

TASK:

Read for information

CONDITIONS:

Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations

STANDARDS:

100% understanding of printed content

III. TASK NUMBERS AND TITLES

121-74D-0001 Apply the four life-saving measures

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening 89% Speaking 21% Reading 19% Writing 25%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Listen to perform

CONDITIONS: Given oral warnings or verbal commands regarding

simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard

structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral utterances

TASK: Produce appropriate oral responses spontaneously or upon

request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond

CONDITIONS: Given NBC situations requiring oral alarms

STANDARDS: 100% understandable oral utterances

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

procedures, captioned illustrations and notations

defined as explanations

STANDARDS: 100% understanding of printed content

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

procedures, captioned illustrations and notations defined

as explanations

STANDARDS: 100% understanding of printed material

TASK: Write to record and report

CONDITIONS: Given a requirement to produce a written report STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-0002 Put on a protective mask

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening 0% Speaking 0% Reading 0% Writing 0%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform

CONDITIONS: Given oral instructions or verbal commands in any

training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond

CONDITIONS: Given a requirement to produce a verbal report in any

training situation (Appendix 4), using standard and non-

standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral utterances

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

procedures, manuals, charts, captioned illustrations and

explanations

STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

121-74D-0005 Maintain an appropriate level of physical fitness (male

only)

121-74D-0006 Maintain an appropriate level of physical fitness (female

only)

M16Al RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening 872 Speaking 22% Reading 227 22% Writing

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform

Given oral instructions or verbal commands in any CONDITIONS:

> training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

100% understanding of oral communication STANDARDS:

TASK: Produce appropriate oral responses spontaneously or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

100% understandable oral responses STANDARDS:

TASK: Produce oral utterances to inform and respond

Given a requirement to produce a verbal report in any CONDITIONS:

training situation (Appendix 4), using standard and

non-standard structural and lexical items (Appendices 5 &

7)

100% understandable oral utterances STANDARDS:

TASK: Read to learn

Given printed MOS training materials in the form of CONDITIONS:

procedures, captioned illustrations, warnings and

100% understanding of printed content STANDARDS:

Read for information TASK:

Given printed MOS training materials in the form of a CONDITIONS:

range card

100% understanding of printed content STANDARDS:

TASK: Write to record

CONDITIONS: Given a requirement to complete a range card

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-0003 Engage targets with an MI6Al rifle

.45 CALIBER PISTOL

I. PERCENTAGE LANGUAGE SKILLS

Listening 60% Speaking 07 02 Reading 07 Writing

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:

Listen to learn and perform

CONDITIONS:

Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices

5 & 7)

STANDARDS:

100% understanding of oral communication

TASK:

Produce appropriate oral responses spontaneously or upon

CONDITIONS:

Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable oral responses

TASK:

Produce oral utterances to inform

CONDITIONS:

Given a requirement to produce a verbal report in any

training situation (Appendix 4), using standard and nonstandard structural and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable oral utterances

TASK:

Read to learn

CONDITIONS:

Given printed MOS training materials in the form of captioned illustrations, procedures and references

STANDARDS:

100% understanding of printed content

TASK:

Read for information

CONDITIONS:

Given printed MOS training materials in the form of

a range card

STANDARDS:

100% understanding of printed content

TASK:

Write to record

CONDITIONS:

Given a requirement to complete a range card

STANDARDS:

100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-0004 Engage targets with a caliber .45 pistol

PUNCH CARD MACHINE OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening 387 Speaking 137 17% Reading Writing 102

JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:

Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understanding of oral communication

TASK:

Listen for information

CONDITIONS:

Given oral instructions to perform task specific assign-

ments in any training situation (Appendix 4), using standard and non-standard structural and lexical items

(Appendices 5 & 7)

STANDARDS:

100% understanding of oral information

TASK:

T T

Produce appropriate oral responses spontaneously or upon

request

CONDITIONS:

Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable oral responses

TASK:

Read to learn

CONDITIONS:

Given printed MOS training materials in the form of captioned illustrations, procedures and references

STANDARDS:

100% understanding of printed content

TASK:

Read for information

CONDITIONS:

Given printed MOS training materials in the form of instructions, data cards, captioned illustrations,

explanations and procedures

STANDARDS:

100% understanding of printed content

TASK:

Write to inform

CONDITIONS:

Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-1101	Operate the IBM 557 interpreter
121-74D-1102	Take corrective action to clear stoppages on the IBM 557 interpreter
121-74D-1103	Perform operator maintenance on the IBM 557 interpreter
121-74D-1107	Operate the IBM 083/084 card sorter to sort single fields
121-74D-1108	Operate the IBM 083/084 card sorter to sort multiple fields
121-74D-1109	Operate the IBM 083/084 card sorter using the block sort method
121-74D-1110	Operate the IBM 083/084 card sorter using sort selection methods
121-74D-1111	Take corrective action to clear stoppages on the IBM 083/084 card sorter

CARD PUNCH AND CARD DATA RECORDER OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening 59% Speaking 26% Reading 28% Writing 17%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Listen for information

CONDITIONS: Given oral instructions to perform task specific assign-

ments in any training situation (Appendix 4), using standard and non-standard structural and lexical items

(Appendices 5 & 7)

STANDARDS: 100% understanding of oral information

TASK: Produce appropriate oral responses spontaneously or upon

request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

captioned illustrations, procedures and references

STANDARDS: 100% understanding of printed content

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

instructions, source documents, captioned illustrations,

explanations and procedures

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

	121-74D-1104	Operate the IBM 026/029 card punch without program control
	121-74D-1105	Remake torn or mutilated cards utilizing an IBM 026/029 card punch
	121-74D-1106	Perform error correction on an IBM 026/029 card punch
:	121-74D-1128	Set up an IBM 129 card data recorder without program control for punch/verify operation
- -	121-74D-1129	Operate the IBM 129 card data recorder to punch cards with/without program control
	121-74D-1130	Operate the IBM 129 card data recorder to remake error cards other than verify-corrections

DATA REPRESENTATION AND CONVERSION

I. PERCENTAGE LANGUAGE SKILLS

Listening 51% Speaking 36% Reading 43% Writing 39%

11. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:

Listen to learn

CONDITIONS:

Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understanding of oral communication

TASK:

Produce appropriate oral responses spontaneously or upon

request

CONDITIONS:

Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable oral responses

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TASK: Read to learn

CONDITIONS:

Given printed MOS training materials in the form of

procedures, descriptions, tables and SOPs

STANDARDS:

100% understanding of printed content

TASK:

Read for information

CONDITIONS:

Given printed MOS training materials in the form of

instructions, source documents, charts, tables, captioned

illustrations, explanations and procedures

STANDARDS:

100% understanding of printed content

TASK:

Write to inform

CONDITIONS:

Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural

(Appendix 4), using standard and non-standar and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-1112 Convert characters to or from Hollerith code

BASIC COMPUTER OPERATING PROCEDURES

I. PERCENTAGE LANGUAGE SKILLS

Listening 75%
Speaking 26%
Reading 31%
Writing 21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Listen for information

CONDITIONS: Given oral instructions to perform task specific

assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical

items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral information

TASK: Produce appropriate oral responses spontaneously or upon

request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

procedures, descriptions, tables, messages and SOPs

STANDARDS: 100% understanding of printed content

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

instructions, source documents, data cards, charts, tables, captioned illustrations, explanations and

procedures

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-1113 Ready the IBM 2540 card reader for processing V-13-74D

121-74D-1114	Take corrective action to clear stoppages on the IBM 2540 card reader
121-74D-1115	Ready the IBM 2540 card punch for processing
121-74D-1116	Take corrective action to clear stoppages on the IBM 2540 card punch
121-74D-1117	Ready IBM 1403 line printer for processing
121-74D-1118	Take corrective action to clear stoppages on the IBM 1403 line printer
121-74D-1119	Power down the IBM 360/30 computer system
121-74D-1120	Ready the IBM 1052 console typewriter for operation
121-74D-1121	Ready the IBM 2314 disk drive for processing
121-74D-1132	Ready IBM 2401 tape drive for processing
121-74D-1134	Perform initial program load (IPL) on the 360/30 computer
	system
121-74D-1135	Respond to messages from the IBM 360/30 computer system
121-74D-1136	Initiate multiprogramming processing on the IBM 360/30 computer system

COMPUTER OPERATOR MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

Listening 68%
Speaking 27%
Reading 33%
Writing 21%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon

request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of pro-

cedures, instructions and references

STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

121-74D-1123 Perform routine operator maintenance on the IBM 2401 tape

drives

121-74D-1124 Perform routine operator maintenance on the IBM 1403 line

printer

121-74D-1125 Perform routine operator maintenance on the IBM 2540 card

reader

121-74D-1126 Perform routine operator maintenance on the IBM 2540 card

punch

121-74D-1127 Perform routine operator maintenance on the IBM 2314 disk

drive

MAGNETIC TAPE FUNCTIONS

1. PERCENTAGE LANGUAGE SKILLS

Listening 77%
Speaking 32%
Reading 38%
Writing 32%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon

request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

instructions, captioned illustrations and references

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-1122 Clean magnetic tapes

121-74D-1131 Affix tape markers to magnetic tapes

INPUT/OUTPUT AND QUALITY CONTROL

I. PERCENTAGE LANGUAGE SKILLS

Listening 69%
Speaking 31%
Reading 35%
Writing 38%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

instructions, captioned illustrations and references

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-2101 Label classified input and output media 121-74D-2102 Control and handle magnetic tape/disk

FLOWCHART PROCEDURES

I. PERCENTAGE LANGUAGE SKILLS

Listening 60%
Speaking 33%
Reading 67%
Writing 58%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon

request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

instructions, captioned illustrations and references

STANDARDS: 100% understanding of printed content

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

instructions, charts, tables, captioned illustrations,

explanations and procedures

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-2103 Interpret the meaning of flowchart symbols used in job

procedures

NUMBERING SYSTEMS

I. PERCENTAGE LANGUAGE SKILLS

Listening 34% Speaking 137 Reading 52% Writing 44%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:

Listen for information

CONDITIONS:

Given oral instructions to perform task specific assignments in any training situation (Appendix 4),

using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understanding of oral information

TASK:

Produce appropriate oral responses spontaneously or upon

request

CONDITIONS:

Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable oral responses

TASK:

Read to learn

CONDITIONS:

Given printed MOS training materials in the form of

instructions and references

STANDARDS:

100% understanding of printed content

TASK:

Read for information

CONDITIONS:

Given printed MOS training materials in the form of

instructions, explanations and procedures

STANDARDS:

100% understanding of printed content

TASK:

Write to inform

CONDITIONS:

Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS:

100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-2104 Convert characters to or from hexadecimal

121-74D-2105 Convert characters to or from octal

121-74D-2106 Convert characters to or from binary

Convert characters to or from extended binary coded

121-74D-2114

decimal interchange code (EBCDIC)

V-19-74D

INTERMEDIATE COMPUTER OPERATING PROCEDURES

I. PERCENTAGE LANGUAGE SKILLS

Listening 76% Speaking 22% Reading 34% Writing 29%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Listen for information

CONDITIONS: Given oral instructions to perform task specific assign-

ments in any training situation (Appendix 4), using standard and non-standard structural and lexical items

(Appendices 5 & 7)

STANDARDS: 100% understanding of oral information

TASK: Produce appropriate oral responses spontaneously or upon

request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read for information

CONDITIONS: Given printed MOS training materials in the form of

instructions, charts, tables, captioned illustrations,

explanations and procedures

STANDARDS: 100% understanding of printed content

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

instructions, captioned illustrations, messages and

references

STANDARDS: 100% understanding of printed content

TASK: Write to record

CONDITIONS: Given the requirement to complete forms

STANDARDS: 100% legible written content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-2107	Clear automatic data processing (ADP) equipment upon
	completion of processing classified data
121-74D-2109	Initiate commands to an IBM 360/30 computer system via
	console switches and keys/console typewriter
121-74D-2110	Prepare carriage control tape for IBM 1403 line printer
121-74D-2115	Record machine utilization

WIRING PROCEDURES

I. PERCENTAGE LANGUAGE SKILLS

Listening 73% Speaking 17% Reading 33% Writing 8%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn

CONDITIONS: Given oral instructions in any training situation

(Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)

STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or

upon request

CONDITIONS: Given any verbal stimulus in the form of questions,

scenarios or instructions in any training situation
(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable oral responses

TASK: Read to learn

CONDITIONS: Given printed MOS training materials in the form of

instructions, captioned illustrations and references

STANDARDS: 100% understanding of printed content

TASK: Write to inform

CONDITIONS: Given a requirement to write in any training situation

(Appendix 4), using standard and non-standard structural

and lexical items (Appendices 5 & 7)

STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

121-74D-2108 Wire IBM 557 interpreter control panels

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military

jargon, slang or dialectical speech in any training situation.

(Appendices 4, 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language

task.

The following are specific conditions found in this language task: Warnings Described situations Directions Lectures Commands, Orders Sound tracks (films, tapes) Standard/Non-standard English Instructions SQT questions

TASK: Understand spontaneous oral language or language via a technical

medium - such as a radio telephone - intended to inform and

elicit responses.

CONDITIONS: Given scenarios, questions, commands or requests in simple to

complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order

to apply and respond.

The following are specific conditions found in this language task: Shouting

Radio communications Coded messages

Spellings

Conversation

Requests

SPEAKING

TASK: Formulate and produce appropriate oral responses spontaneously.

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios,

instructions, or cues in any training situation.

(Appendices 5 & 6)

STANDARDS: 100% understandable oral response using correct lexicon and

syntax for the training situation.

The following are specific conditions found in the language task:

Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications

Information

TASK: Produce oral utterances to interact and communicate spontaneously

or via a technical medium such as radio telephone.

CONDITIONS: Given a communicative situation (Appendices 4, 5, & 6

Soldier's Manual) in any training situation.

STANDARDS: 100% understandable communication using correct lexicon and

syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

TASK: Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts,

vocabulary, definitions and identifications, to calculate

problems, intercept codes and complete forms.

CONDITIONS: Given technical, non-technical, lexical and structural features

in simple to complex printed form in any training situation.

(Appendices 4, 5 & 6)

STANDARDS: 100% understanding of printed content.

The following are specific conditions found in this language task: Captions with illustrations.

Lists Extracts
Procedures Columns
Information Indices
Definitions Charts
Outlines Methods

Signs Technical Vocabulary

Markers Standard Operating Procedures

References Cartoons
Rules Problems
Maps Manuals

Flags Graphic Training Aids

Military Documents

I.D. Papers Regulations

TASK: Identify, understand, and interpret written utterances pertinent

to MOS training in technical or non-technical language.

CONDITIONS: Given technical, non-technical, lexical and structural features

VI-5

in simple to complex written form in any training situation.

(Appendices 4, 5 & 6)

STANDARDS: 100% understanding of written content.

The following are specific conditions found in this language task:

Lists

Information Descriptions

Radiation readings off dosimeter

Coordinate scales Callsigns-suffices Three-letter codes

Examples Calculations Markings

Radio communications

Range cards Notes Messages

•

WRITING

TASK: Upon instruction, write in conventional orthography, letter,

numbers, words or sentences appropriate to the training

situation.

CONDITIONS: Given standardized forms, paper or answer sheets and the

instructions to list, answer, describe or recall.

STANDARDS: 100% syntactical and lexical correctness and legibility of

writing which is also appropriate in style and usage to training

situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

TASK: Write, in conventional orthography, letters, or specialized code,

numbers, words or sentences in order to transmit or record

information.

CONDITIONS: Given standardized forms or paper and oral communication.

STANDARDS: 100% syntactical and lexical correctness of writing which can

be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms

Codes

Grid coordinates

Decoded messages

Encoded messages

Logbooks

Plottings

Figures Reports

Tags

Range cards

Applicable DA forms

APPENDICES

- 1. Task Prioritization Checklist
- Task Inventory Compiled Data Forms
 Percentage Language Skills
- 4. Observation Form
- 5. Structural/Lexical list
- 6. Vocabulary (DLIELC in-house)
 7. Vocabulary (machine-generated)
 8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the Department of the Army in 1980.

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TASK INVENTORY COMPILED DATA FORM

This form was used to record data from the Task Prioritization Checklist.

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O 742 MOS 10 NUMBER OF RESPUNDINGS DATA OBTAINED FROM SEEMEN KINEA Fr. Hood TRAINING SPECIALIST writing RATING OF ELS reading speaking listening written METHODS OF TESTING oral performance self_paced METHODS OF TEACHING hands-on demonstrati Tecture danger to Derson or equipment importance difficult? UNIT tested? MOS NUMBER OF RESPONDENTS DATA OBTAINED FROM TRAINING SPECIALIST writing reading RATING OF ELS speaking listening written METHODS OF TESTING oral performance self_paced METHODS OF TEACHING hands-on demonstration lecture danger to equipment importance difficulty? tested? AIT taught? 17 JYD.0007 5007 ¥ayo 121.749-0cd TASK MUMBER TUNCMION מוצרם RIVE ONN

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METHODS OF TESTING	written		
10 10 11 STT	oral performance		
. 9	self-paced		
METHODS OF TEACHING	hands-on		יווידים מוקוחה לוולקולל וללוול הלקלול ללה ללהוקו וללה ל
	demonstration lecture		רשולים היו המתוכצה המתוחות במה ממנות המתוחות מ פולים ביו המתוחות גלל החצו המלג המגלה המנובו במנג ה
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CRITICALITY	equipment		
<u> 5</u> -	importance		<u> </u>
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METHODS OF TEACHING	self-paced hands-on demonstratio lecture			
CRITICALITY	danger to person or equipment importance			1
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	MOS	D FROM	NUMBER OF RESPONDENTS TRAINING SPECIALIST	
RATING OF ELS	writing reading speaking listening			
METHODS OF TESTING	written oral performance			
METHODS OF TEACHING	self_paced hands_on demonstration lecture			
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APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

PERCENTAGE LANGUAGE SKILLS MOS 740

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PERCENTAGE LANGUAGE SKILLS MOS 740

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PERCENTAGE LANGUAGE SKILLS MOS 740

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PERCENTAGE LANGUAGE SKILLS MOS 7/2

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V = variables
R = maximum number of respondents in any task in th

PERCENTAGE LANGUAGE SKILLS MOS 740

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PERCENTAGE LANGUAGE SKILLS MOS 710

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APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

- Answers (spoken written) B.
- C. Signals
- Performance D.
- Taking Notes E.
- F. Teamwork
- G. Other
- Comments:

structional Patio

.. Signs/Norices

Normal Voice

Chalkboard

Soldier's Manual

... P.A. System

Other inmonts:

instructor or :-to-one/class

Training Publications (required/available)

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- fairper (more that 12)

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APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of structural and lexical items for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

- 1. Subject and action verb Firer aims.
- 2. Subject and action verb and direct/indirect object Many things cause burns.
- 3. Subject and linking verb and subjective complement This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

- 2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.
- 3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted) But what about the other 15 meters? Ask, "What is there?"

2. DECLARATIVE

- Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

6. FRAGMENT

Movement to occupy a position. All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. COMPARISON

Place suitable material under him as well as over him if necessary.

4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.



5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be relessed.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"

"waste material"

"burning residue"

"semi-fixed ammunition"

"extracting/loading ammunition"

"firing hammer"

"four life-saving steps"

"chest/heart massage"

"tourniquet material"

"field material"

"field condition"

"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE

AVAILABLE

- 2. COMPARATIVES
 Threat main tanks are smaller than the US main battle tanks.
- 3. SUPERLATIVES

 The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

- 1. INDEFINITE

 Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).
- 2. POSSESSIVE Shake his shoulder and shout, "Are you OK.?".
- 3. SUBJECTIVE
 This will give you correct nomenclature.
- 4. OBJECTIVE
 It will also give you the correct functioning.
- 5. REFLEXIVE Keep yourself clear of the muzzle.



VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

- --You will be tested.
- -- If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.
- -- If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.
- --When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.
- -- Have someone walk the FDL and determine dead space.
- -- Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third
 person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive (You) train for results.

transitive Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize	appear	has
protect	seek	must be
is facing	secure	wipe
remove	wear	rinse
explode	mask	put brush
sounds	stored	em pty
points out	do require	reassemble
seen	could affect	reinstall

passive

given
is protected
is sprayed

are reported have been corrected

are authorized be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

You <u>must</u> demonstrate, once every 6 months, that you <u>can</u> meet or exceed the <u>minimum</u> level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should no be"

5. AUXILLIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.



GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the MI6Al in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB

(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between TRADOC and DLIELC was reached that DLIELC In-House Vocabulary would not be produced for this MOS.

APPENDIX 7

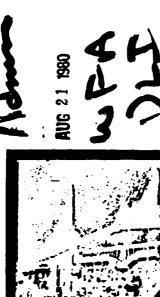
Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

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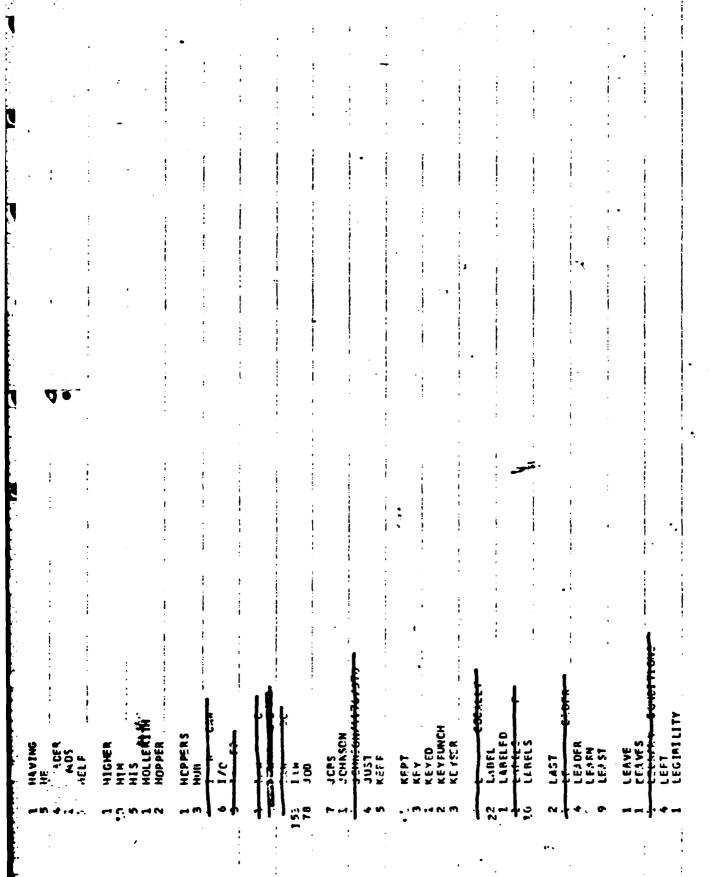
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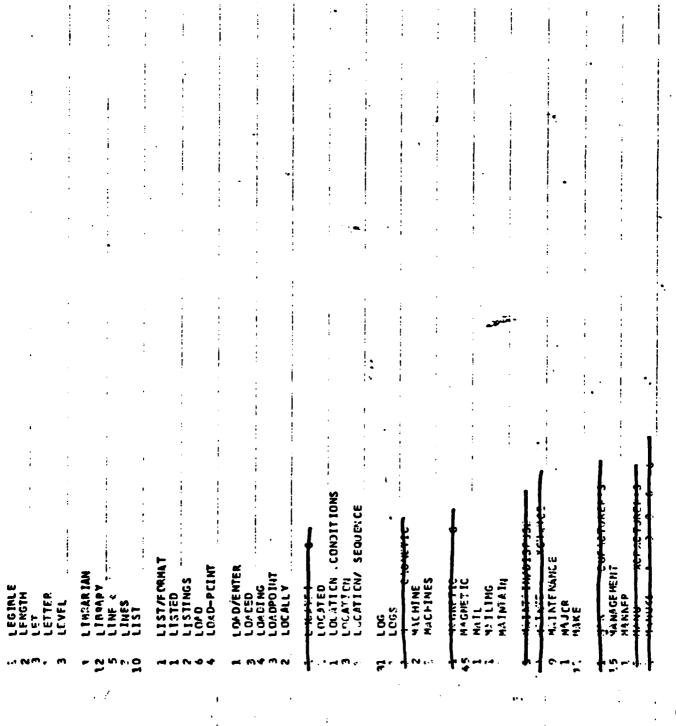
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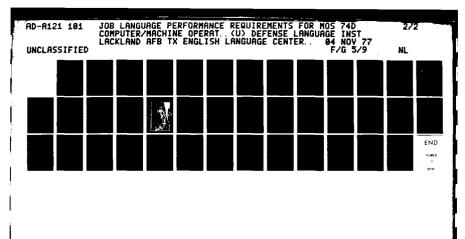
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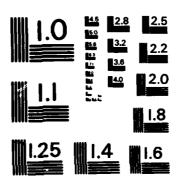
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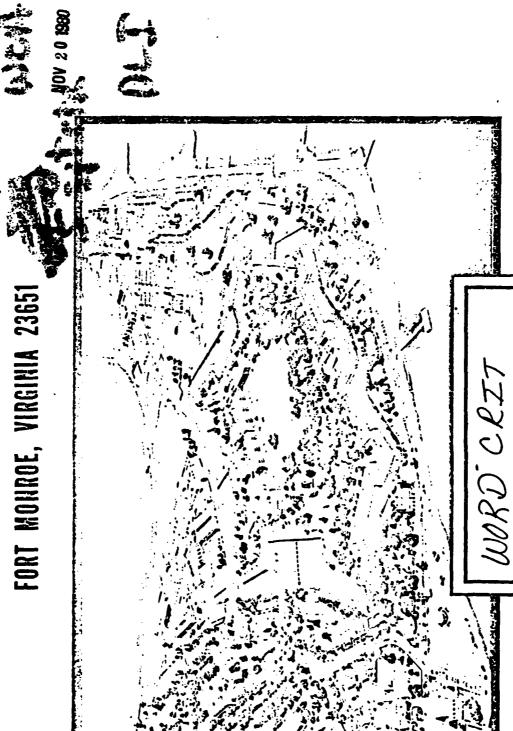
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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MOURDE, VIRGINIA 23651



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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

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APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.
(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

A. Declarative statement

B. Interrogative question

1. wh- questions

2. tag questions

3. yes/no questions

C. Imperative command, polite request

D. Exclamatory exclamation

Sentence Complexity:

A. Simple

One full subject and predicate

two or more independent clauses joined by:

i. punctuation
2. punctuation and conjunctive adverb
3. coordinate conjunction

C. Complex

One or more dependent clauses and an independent clause

two or more independent clauses and one or more dependent clauses

Verbs:

-

A. Concord subject-verb agreement B. Transitive takes an object C. Intransitive doesn't take an object D. Copula to be E. Linking connectors F. Auxiliaries of tense will, do, did G. Auxiliaries of should, ought to, must to, have to, have got to, able to, can, may, might, modality could, would H. Tense present, past 1. Aspect perfect, progressive

Verbal Forms:

A. Present Participle active voice
B. Past Participle passive voice

2. agent not expressed

Voice:

A. Active subject does action
B. Passive subject does not do action
1. agent expressed

Nouns:

A. Singular man, pen
B. Plural men, pens
C. Count chairs
D. Mass flour
E. Possessive soldier's
F. Collective fish

Adjectives:

A. Predicative

B. Attributive

C. Degrees of comparison

1. regular

2. irregular

D. Ordinal/Cardinal

Numbers

The tank is green.

The green tank is moving.

big, bigger

worse, worst

first, one

Adverbs:

A. Time/Frequency immediately, today, ago
B. Place/Position here, there, everywhere
C. Manner maybe, possibly
D. Negative no, never
E. Comparison of nearest, harder
F. Degree thoroughly, completely

Articles:

A. Definite a, the
B. Indefinite any, some

Pronouns:

A. Personal you

B. Demonstrative that

C. Indefinite anybody, both, each

D. Reflexive himself, yourself

E. Cases of I, me, my, mine

F. Relative who, whom, whose

G. Interrogative who, which, what

Conjunctions:

A. Coordinating and, but, or, nor
B. Subordinating because, if, as, that, after
C. Correlative either, or
D. Conjunctive adverb therefore, furthermore

Prepositions:

A. Simple

1. place on, in 2. time in, at, on

3. direction/motion

4. manner/agent/ instrument

measurement/

by, with

number amount

of

to

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -Elementary and Intermediate Phase of General English materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs